| Index of Claims   | Application No. |
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|   | Examiner        |
|   | Timothy J. Dole |

Applicant(s) No. TAYLOR ET AL. Art Unit 2858

|   | Rejected | _ | (Through num rai)<br>Canc II d |
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| Cla  | im       | Date             |  |          |   |  | <u> </u>     | :::[      | Cla       | aim Date |  |          |  |                    |          |           | CI                                      | aim           | Date  |       |  |          |  |                |          |          |              |  |                |          |          |
|--|----------|------------------|--|----------|---|--|--------------|-----------|-----------|----------|--|----------|--|--------------------|----------|-----------|---|---------------|---|-------|--|----------|--|----------------|----------|----------|--------------|--|----------------|----------|----------|
|  |          |                  | T  | Т        | Ť   | Ť  |              |           |           |          |  |          |  | Т                  | T        | П         |   |               | Т   |       |  |          |  |                |          |          |              | $\neg$   |                | $\neg$   | $\neg$   |
| क  | Original | 1/28/04          |  |          |   |  |              |           |           |          | 匢  | Original |  |                    | 1        |           |   |               |   |       | ā  | Original |  |                |          |          | ı            |  |                |          |          |
| Final  | ij       | 78               |  |          |   |  |              |           |           |          | Final  | Ţ.       |  |                    |          |           |   |               |   |       | Final  | rig      |  |                |          |          | Į            | 1  |                |          |          |
| -  | O        |                  |  |          |   |  |              |           | - [       |          |  | 0        |  |                    |          |           |   | 1             |   |       | _  | 0        |  |                |          |          | Į            |  |                |          | ļ        |
| 1  | 1        | =                |  | +        | +-  | ╫  | ╁╌┤          | $\dashv$  | -         |          |  | 51       | $\vdash$   | +                  | +-       | $\vdash$  | $\dashv$                                | -             | +-  |       |  | 101      |  |                | $\dashv$ | $\dashv$ | $\dashv$     | -  | 十              |          | ᅱ        |
| 2  | 2        | =                |  | ╅        | +   | ╁  | $\vdash$     | $\dashv$  |           |          |  | 52       | <del>                                     </del> | -                  | +        | $\vdash$  |   | +             | +   |       |  | 102      |  |                |          | $\neg$   | 一            | _  | 7              |          | ᅱ        |
|  | 3        | =                | +  | ┿        | ╁   | +  | +            | $\dashv$  |           |          |  | 53       | $\vdash$   | +                  | +        | H         | -+                                      |               | +   |       |  | 103      |  |                |          | $\dashv$ | $\dashv$     | $\dashv$   | +              |          | ᅱ        |
| 3  |          | ${} \rightarrow$ |  | +        | ┿   | ┿  | ₩            | $\dashv$  |           |          |  | 54       | $\vdash$   | +                  | ┥        | $\vdash$  | -+                                      | ┿             | +-  |       |  | 103      |  | $\vdash$       | $\dashv$ | $\dashv$ | $\dashv$     | $\dashv$   | +              | -+       | $\dashv$ |
| 4  | 4        | =                | -+   | +        | ╀   | +  | ₩            | $\dashv$  | -         |          |  |          | $\vdash$   | -+-                |          | ╁┤        |   | +             | +   |       |  | 105      | щ  | H              | $\dashv$ |          | -            | -  | +              | -        | $\dashv$ |
| 5  | 5        | =                |  | _        | ╄   | +-   | $\vdash$     | $\square$ |           |          |  | 55       | $\vdash$   | +                  | +-       | ┤┤        |   | ┿             | +   |       |  |          |  | Н              |          |          | $\dashv$     | -  | $\dashv$       | $\dashv$ | $\dashv$ |
| 6  | 6        | =                |  | +        | $\bot$  | ┿  | $\vdash$     | $\Box$    |           |          |  | 56       | $\vdash$   | -                  | -        | $\vdash$  | +                                       | —             |   | ::::  |  | 106      |  | Н              | _        | $\dashv$ | -            | $\dashv$   | $\dashv$       | -+       | $\dashv$ |
| 7  | 7_       | =                | _  | _        |   | +-   | $\vdash$     | _         |           |          |  | 57       | $\vdash$   |                    | +        | $\vdash$  | -                                       | +             | +   |       |  | 107      | <u> </u>   | $\vdash$       |          |          | -            |  | $\dashv$       | $\dashv$ | $\dashv$ |
| 8  | 8        | =                | _  | 4        | _   | $\bot$   | $\perp$      |           | _         |          |  | 58       | $\sqcup$   | _                  | -        | <b>├</b>  | -                                       |               | +   |       |  | 108      | _  | Н              | $\dashv$ |          | _            |  | -+             | -        |          |
| 9  | 9        | =                |  |          | $\bot$  | ┷  | $\perp$      |           | _         |          |  | 59       | $\sqcup$   |                    |          | $\sqcup$  |   | $\bot$        | -   |       |  | 109      | _  | Ш              | $\dashv$ |          | -            |  | -              | _        | $\dashv$ |
| 10   | 10       | =                | $\bot$   |          | 丄   |  | 1            |           | _         |          |  | 60       | $\perp$  |                    |          | $\sqcup$  | $\perp$                                 | -             | _   |       |  | 110      |  | Ш              | $\dashv$ | _        |              | _  | _              | _        | _        |
| 11   | 11       | =                |  |          | <u> </u>  |  | $oxed{oxed}$ |           |           |          |  | 61       | $\sqcup \bot$                                    |                    |          |           |   |               | Щ.  |       |  | 111      |  | Ш              | _        |          |              |  | _              |          | _        |
| 12   | 12       | =                |  | $\perp$  | $\perp$   |  |              | Ш         |           |          |  | 62       | $\sqcup$   |                    |          | $\sqcup$  |   |               | ļ   |       |  | 112      | <u> </u>   | Щ              | $\sqcup$ |          | $\Box$       |  | _ļ             | _        | _        |
| 13   | 13       | =                |  |          | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{I}}}$   |              |           | _]:       |          |  | 63       |  |                    |          |           |   | $\perp$       |   |       |  | 113      | L  | Ш              |          |          |              |  |                | _        | !        |
| 14   | 14       | =                |  |          |   | T  |              |           |           |          |  | 64       | П  |                    |          |           |   |               |   |       |  | 114      |  |                |          |          |              |  |                | l        |          |
| 15   | 15       | =                |  | ┰        |   |  |              | П         |           |          |  | 65       | П  |                    |          |           |   |               |   |       |  | 115      |  |                |          |          |              |  |                |          |          |
| 16   | 16       | =                |  | $\top$   | _   |  |              |           |           |          |  | 66       |  |                    |          | $\Box$    |   |               |   |       |  | 116      |  |                |          |          |              |  |                |          |          |
|  | 17       | П                |  | +        | $\top$  | 1  | 1            | П         |           | ::::     |  | 67       | H  |                    |          | П         |   |               | 1   |       |  | 117      |  |                |          |          |              |  |                |          | 7        |
|  | 18       | Н                | -  | +        | +   | +  | +            | Н         | -         |          |  | 68       | 1 1  | 一                  | ╅        |           | _                                       | T             | $\top$  |       |  | 118      |  |                |          |          |              |  |                | T        | $\neg$   |
| <del>     </del>                                 | 19       | Н                | $\vdash$   | +        | ╅   | +  | $\vdash$     | Н         |           |          |  | 69       | 1  | _                  | _        | 1         | $\neg$                                  | $\top$        | $\top$  |       |  | 119      |  |                |          |          |              |  |                |          | $\neg$   |
| <del>                                     </del> | 20       | -                | -  | ╁        | ╅   | +  | +            | Н         |           |          |  | 70       | $\vdash$   |                    | +        | $\vdash$  | $\neg$                                  |               | +-  |       |  | 120      | Г  |                | П        | _        |              |  | $\neg$         |          | $\neg$   |
| <del></del>                                      | 21       | H                |  | -        | +   | +  | ╁            | Н         |           |          |  | 71       | $\vdash$   | $\dashv$           | +        | +         | $\dashv$                                | +             | +-  |       |  | 121      |  | $\vdash$       |          |          |              |  | _              | 一        | $\neg$   |
| $\vdash$   |          | —                |  | +        | +-  | ╁  | ╁            | -         |           |          |  | 72       | $\vdash$   | +                  | ┰        | +         | $\dashv$                                |               | +   |       |  | 122      | -  | -              | Н        |          | Н            | _  | $\dashv$       |          | $\dashv$ |
| $\vdash$   | 22       |                  | -+   | +        | +   | +  | +            | Н         |           | ٠: :     |  | 73       | $\vdash$   | +                  |          | +         | -                                       | +             | +   |       |  | 123      | -  | -              | H        |          | Н            |  | $\dashv$       | $\dashv$ | -        |
| $\vdash$   | 23       |                  |  | +        | +   |  | ╁            | Н         | —         |          |  |          | ⊢  | +                  | +        | $\vdash$  | -                                       | ┿             | +   |       |  | 124      | $\vdash$   | -              | $\vdash$ | _        | Н            | -  | $\dashv$       |          | $\dashv$ |
| 1  | 24       |                  | ₩.   | +        | +-  |  | +            | $\vdash$  |           |          |  | 74       | ╁  |                    | +        | ╁         | +                                       | +             | ╫   |       |  | 125      | -  |                | -        |          | $\vdash$     | _  | -              | -        | $\dashv$ |
| $\vdash$   | 25       | Ш                | -  | _        | $\bot$  | -  | -            | Щ         |           |          |  | 75       | H  | -                  | -        | $\vdash$  |   | - -           |   |       |  |          | -  | -              | -        | _        | _            |  | -              | -        | -        |
|  | 26       | L                | $\perp$  | _        | $\bot$  | +  | <del> </del> | Ш         |           |          |  | 76       | $\vdash$   | -+                 |          | $\vdash$  | $\dashv$                                |               | _   |       |  | 126      | ⊢  |                | $\vdash$ | -        |              |  | -              | _        |          |
|  | 27       | _                | $\sqcup$   | _        | $\bot$  | $\bot$   | _            | Ш         | _         |          |  | 77       | -  | $\dashv$           | -        | 1-        | -                                       |               | -   |       |  | 127      | <b>—</b>   | ┢              |          | _        | _            | _  | -              |          |          |
|  | 28       |                  | $\Box$   |          |   |  | _            |           |           |          | L  | 78       | $\sqcup$   | _                  |          | 1         |   | $\bot$        | _   |       |  | 128      | <b>!</b>   | L              |          | _        | _            |  | _              | $\dashv$ |          |
|  | 29       |                  |  | 丄        |   |  |              | Ш         |           |          |  | 79       | $\sqcup$   |                    |          | 1         | _                                       |               | ┷   |       |  | 129      | <u> </u>   | L              | Ш        |          |              |  |                | _        |          |
|  | 30       |                  |  | $\perp$  | $\perp$   | $\perp$  |              |           |           |          |  | 80       | Ш  |                    |          |           |   | _             | $\perp$   |       |  | 130      | <u> </u>   |                |          |          |              |  | _              | _        |          |
|  | 31       |                  |  |          |   |  |              |           |           |          | L  | 81       | Ш  |                    |          |           |   | $\perp$       | $\perp$   |       |  | 131      |  | L.             |          | _        |              |  |                | _        |          |
|  | 32       |                  | $\Box \mathbb{I}$                                |          | $\Box$  | $oldsymbol{ol}}}}}}}}}}}}}}$ |              |           |           |          |  | 82       | $\sqcup$   | $\perp$            | $\perp$  |           | $\Box$                                  |               |   |       |  | 132      | L_   | L.             | Ш        | <u> </u> | L.           | <u></u>  | Ш              |          |          |
|  | 33       |                  | $\Box T$   |          |   | $\perp$  | $\perp$      |           |           |          |  | 83       |  | $\Box$             |          |           |   |               |   |       |  | 133      |  |                | Ш        | L.       | $oxed{oxed}$ | L.   | Ш              | _        |          |
|  | 34       | Г                |  | $\neg$   |   | Τ  |              | П         |           |          |  | 84       |  |                    | J        |           |   |               |   |       |  | 134      | L  | L              |          |          |              |  |                |          |          |
|  | 35       | Π                | $\Box$   | $\top$   | $\top$  | T  |              |           |           |          |  | 85       |  | $\Box$             |          |           |   | $\Box \Gamma$ | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | ]:::: |  | 135      | L  | $L^{-}$        |          |          |              |  |                |          |          |
|  | 36       |                  | $\Box$   | $\top$   | 1   | T  | 1            |           |           |          |  | 86       | П  |                    |          |           |   |               | $\mathbb{I}^{-}$                                  | ]:::: |  | 136      |  | $\Box$         |          |          |              |  |                |          |          |
|  | 37       | $\vdash$         |  | ┪        | $\top$  | Τ  | 1            |           | 7         |          |  | 87       |  | $\top$             |          |           |   |               | T   | ]:::: |  | 137      |  |                |          | L        |              |  |                |          |          |
|  | 38       | $\vdash$         | $\vdash$   | $\top$   | +   | $\top$   | †            | П         |           |          | <u> </u>   | 88       | П  | $\dashv$           | 1        | Т         |   |               |   |       |  | 138      |  |                |          | ļ        |              |  |                |          |          |
|  | 39       | $\vdash$         | $\vdash \vdash$                                  | +        | +   | $\top$   | T            | П         |           |          |  | 89       | П  | $\neg$             | 1        | T         | $\neg$                                  | $\neg \vdash$ | $\top$  | 1     |  | 139      | Γ  |                |          |          |              |  | $\Box$         |          | _        |
| $\vdash$   | 40       | $\vdash$         | $\vdash \vdash$                                  | +        | +   | +  | +            | Н         |           |          | <del>                                     </del> | 90       | $\vdash$   | $\dashv$           | $\dashv$ | $\dagger$ | $\vdash$                                | $\top$        | $\top$  | 1:::  | <u> </u>   | 140      |  | T-             | Г        |          | Г            |  | П              | $\neg$   | _        |
| $\vdash$   | 41       | $\vdash$         | $\vdash$   | +        | +   | +  | +            | $\vdash$  |           |          | <del>                                     </del> | 91       | H  | $\dashv$           | +        | +         | $\dashv$                                | +             | +   | 1     |  | 141      | $\vdash$   | 1              | П        | $\vdash$ |              | <u> </u>   | $\vdash$       | =        | _        |
| $\vdash$   | 41       | $\vdash$         | ++   | +        | +   | +  | +            | ╁         | $\dashv$  |          | $\vdash$   | 92       | +  | +                  | +        | $\vdash$  | -                                       | +             | +   | 1     | <b></b>  | 142      |  | T              | П        | _        | П            | <del>                                     </del> | H              | $\neg$   |          |
| $\vdash$   | 42       | -                | $\vdash$   | +        | +   | +  | +-           |           |           | ii       | $\vdash$   | 93       | $\vdash$   | +                  | $\dashv$ |           | -                                       | $\dashv$      | +   | 1:::  | <u> </u>   | 143      | T  | 1              | t        | $\vdash$ | 1            |  | H              |          |          |
| -  |          | -                | <del>                                     </del> | +        | +   | +-   | +            | ⊢         | $\dashv$  |          |  | 94       | +  | $\dashv$           | +        | +         | -                                       | +             | +   | 1     | <del>                                     </del> | 144      | <del>                                     </del> |                | $\vdash$ | $t^-$    | $\vdash$     | <del>                                     </del> | H              |          | _        |
| $\vdash$   | 44       | -                | $\vdash$   | -+-      | +   | +  | +            | $\vdash$  | $\dashv$  |          | <u> </u>   |          | <del>                                     </del> | +                  | -+       | +         | $\dashv$                                | +             | +   | ł     | $\vdash$   | 145      | ╁╌   | <del>  -</del> | $\vdash$ | $\vdash$ | 1            | <del> </del>                                     | $\vdash$       |          |          |
| $\vdash$   | 45       | ⊢                | $\vdash$   | +        | -   | +  | +            | ├-        | _         |          | <u> </u>   | 95       | $\vdash$   | $\dashv$           | +        | +         | $\vdash$                                | +-            | +   | 1     | <del> </del>                                     | 145      | $\vdash$   | $\vdash$       | ├        | $\vdash$ |              | $\vdash$   | $\vdash$       |          | _        |
| <u> </u>   | 46       | ↓_               | $\sqcup$   | $\dashv$ | 4   | +  | _            | Ь-        |           |          | <u> </u>   | 96       | ╀╌┤  | $\dashv$           | +        | +-        | -+                                      | +             |   | 1     | <u> </u>   |          | ├-   | ⊢              | ├-       | $\vdash$ | <u> </u>     | ├  | $\vdash$       |          | _        |
| $\square$  | 47       | ↓_               | $\sqcup$   | $\perp$  | 1   | $\perp$  | ╀            | $\vdash$  | $\square$ |          |  | 97       | ╀╌┤  | _                  |          | 1         | $\vdash \vdash$                         | +             |   | 1     |  | 147      | <del> </del> —                                   | ├              | ├-       | $\vdash$ | $\vdash$     | <u> </u>   | $\vdash\vdash$ | _        | _        |
| $\perp$  | 48       | ↓_               | $\sqcup$   | $\bot$   | $\bot$  | $\perp$  | -            | <u> </u>  | Щ;        |          | <u> </u>   | 98       | $\sqcup$   | $\dashv$           | $\perp$  | 4—        | $\vdash$                                | _             | +   | 1     | <b> </b>   | 148      | -  |                | ├-       | ├        | <u> </u>     | ├  |                |          |          |
| $\Box$   | 49       | <u> </u>         | Ш  |          |   | _  | 1_           | $\perp$   | $\Box$    |          |  | 99       | $\sqcup$   |                    | _        | <u> </u>  | $\vdash \vdash$                         | 4             | +   | 1     | <u> </u>   | 149      | <del> </del> —                                   | ऻ              | $\vdash$ | ⊢        | <u> </u>     | <u> </u>   | $\vdash$       |          | —        |
|  | 50       | L                | Ш.   | $\perp$  | $\perp$   |  |              | L         |           | ٠,       | <u> </u>   | 100      |  | $oldsymbol{\perp}$ | L_       |           | لــــــــــــــــــــــــــــــــــــــ |               |   | J     | L  | 150      | <u> </u>   | 丄              | L_       | <u> </u> |              |  |                | L        |          |